

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052115\
 Data File : BF079416.D
 Acq On : 21 May 2015 21:31
 Operator : TP/IZ
 Sample : G2325-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 22 01:33:50 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 22 01:11:00 2015
 Response via : Initial Calibration

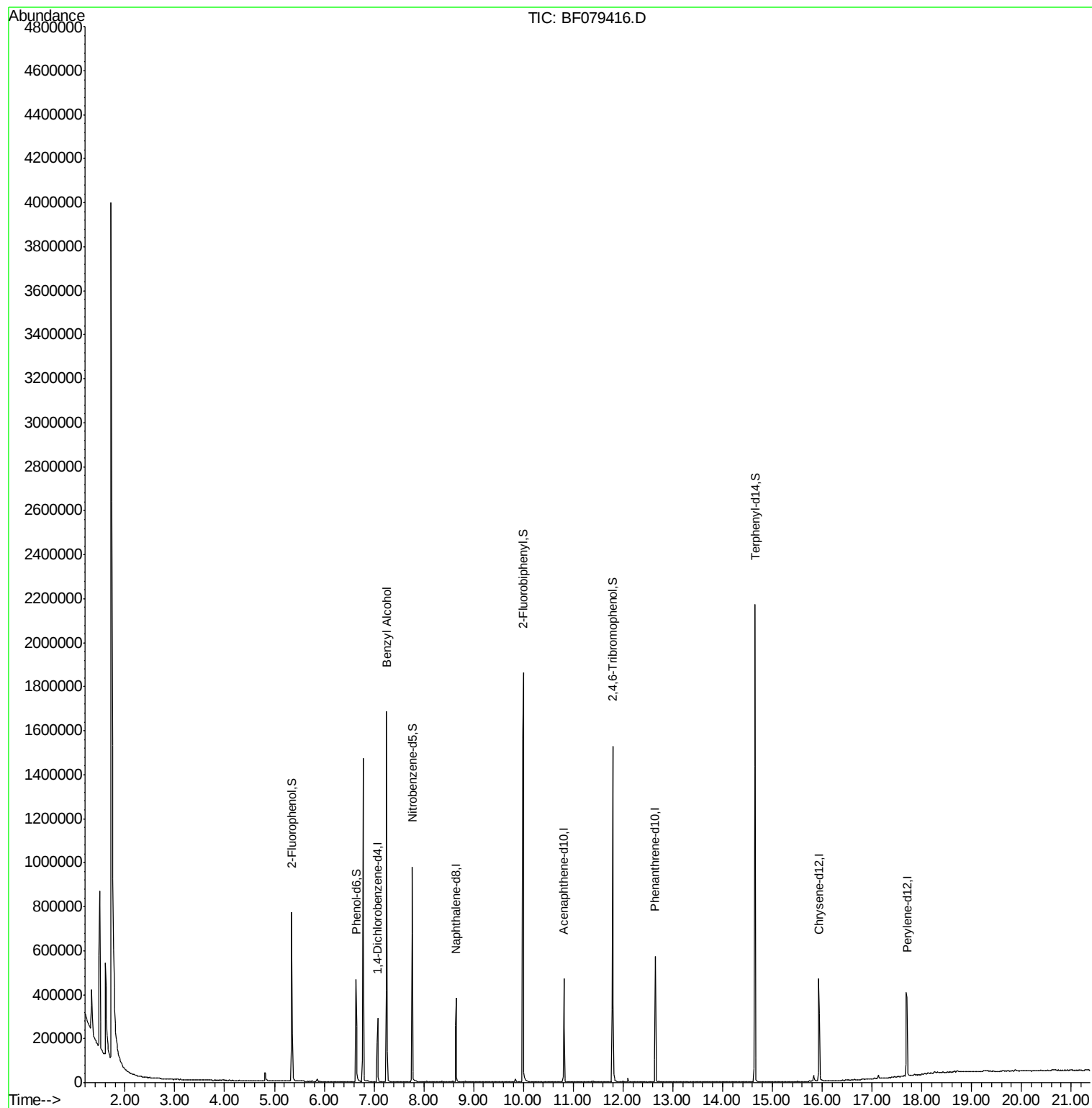
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	56963	20.00	ng	0.00
21) Naphthalene-d8	8.65	136	231326	20.00	ng	0.00
38) Acenaphthene-d10	10.81	164	113819	20.00	ng	-0.01
63) Phenanthrene-d10	12.65	188	220207	20.00	ng	0.00
75) Chrysene-d12	15.93	240	222236	20.00	ng	-0.03
86) Perylene-d12	17.70	264	231918	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	234597	70.89	ng	0.00
7) Phenol-d6	6.64	99	200535	45.85	ng	-0.01
23) Nitrobenzene-d5	7.77	82	405564	100.76	ng	0.00
41) 2,4,6-Tribromophenol	11.79	330	204409	166.01	ng	-0.01
44) 2-Fluorobiphenyl	10.00	172	841834	103.05	ng	0.00
78) Terphenyl-d14	14.65	244	917604	98.85	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	7.26	79	7264	2.24	ng	# 50

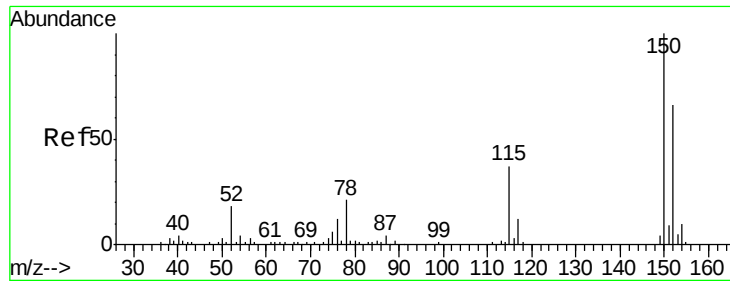
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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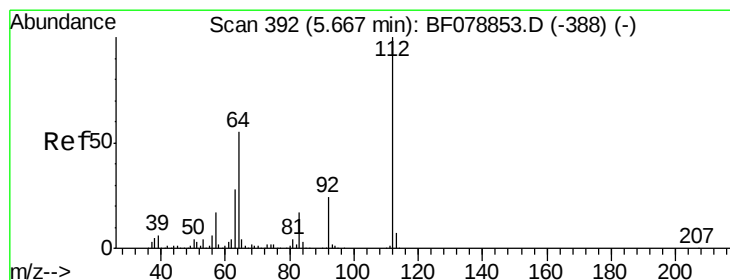
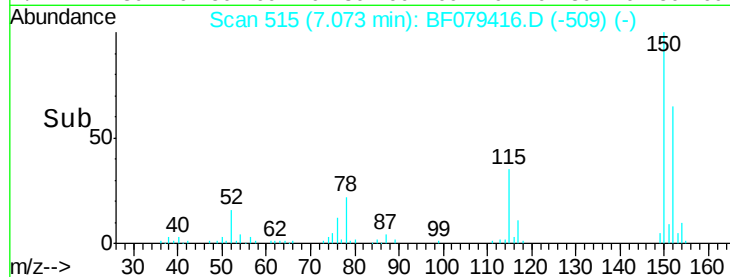
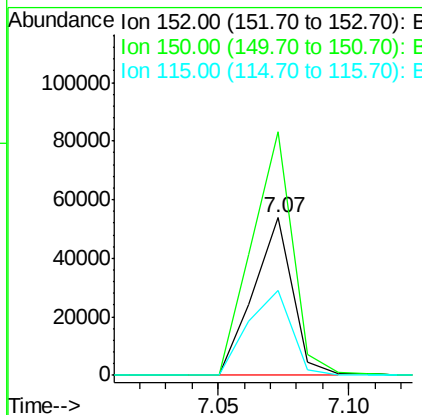
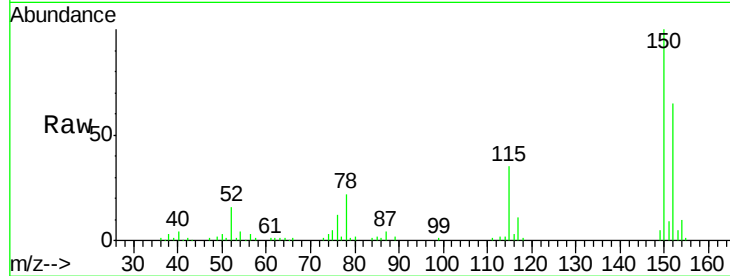


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.07 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF079416.D
Acq: 21 May 2015 21:31

Instrument :
BNA_F
ClientSampleId :

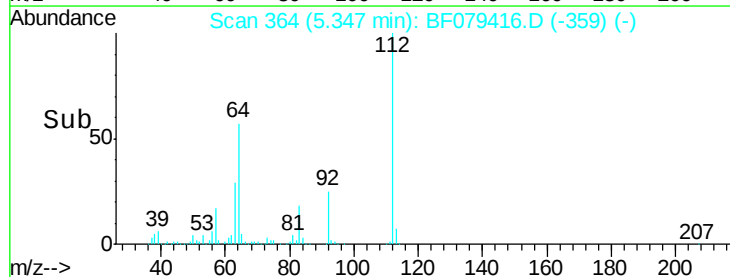
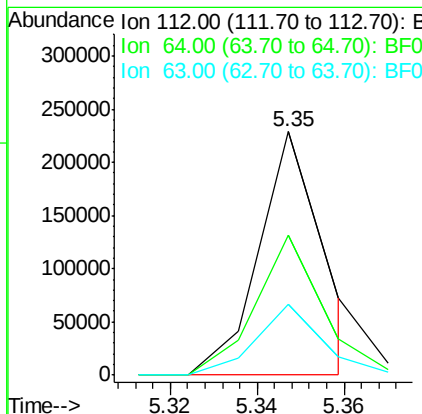
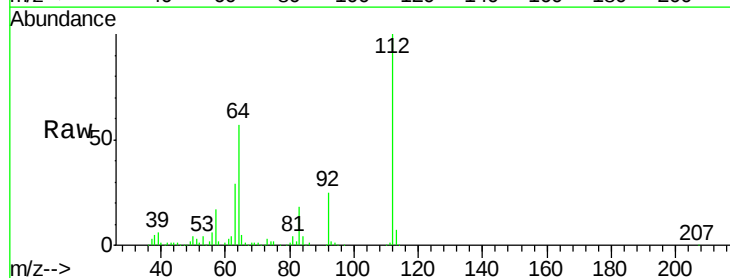
Tot Ion:152 Resp: 56963
Ion Ratio Lower Upper
152 100
150 154.5 123.8 185.8
115 53.8 49.4 74.0

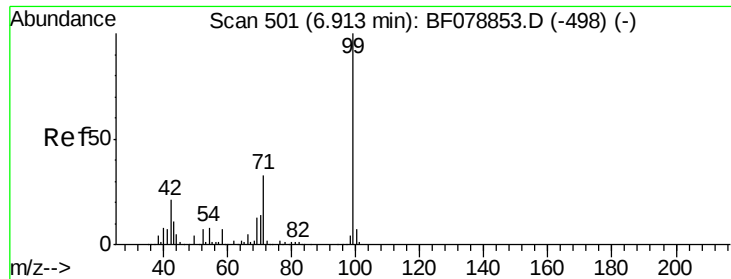


#5

2-Fluorophenol
Concen: 70.89 ng
RT: 5.35 min Scan# 364
Delta R.T. -0.00 min
Lab File: BF079416.D
Acq: 21 May 2015 21:31

Tgt Ion:112 Resp: 234597
Ion Ratio Lower Upper
112 100
64 57.3 44.2 66.2
63 28.9 22.7 34.1





#7

Phenol-d6

Concen: 45.85 ng

RT: 6.64 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF079416.D

Acq: 21 May 2015 21:31

Instrument :

BNA_F

ClientSampleId :

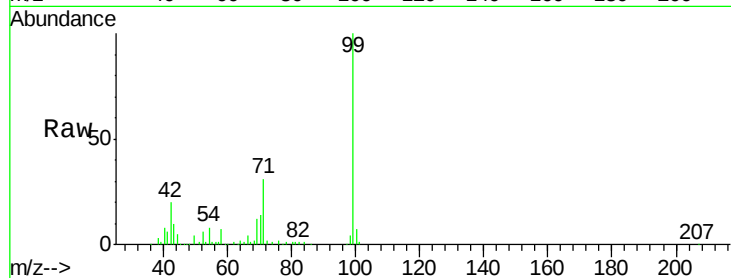
Tot Ion: 99 Resp: 200535

Ion Ratio Lower Upper

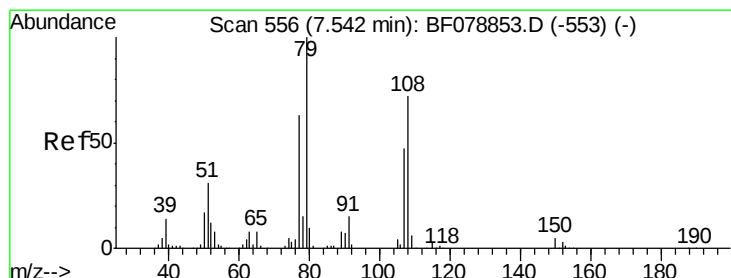
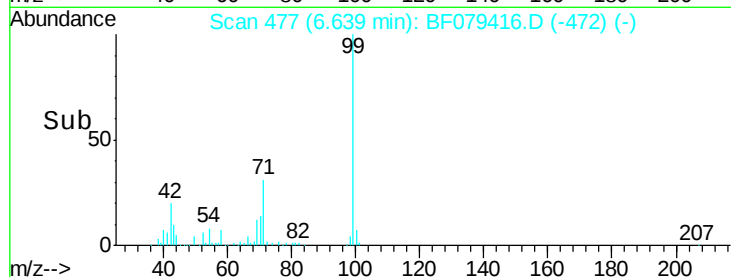
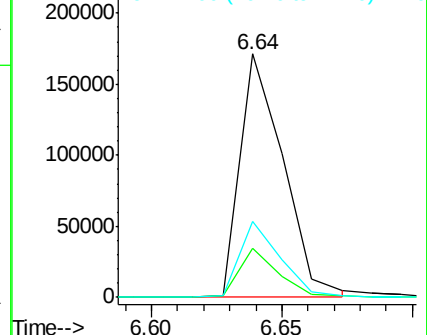
99 100

42 20.2 17.1 25.7

71 31.4 26.3 39.5



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#15

Benzyl Alcohol

Concen: 2.24 ng

RT: 7.26 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF079416.D

Acq: 21 May 2015 21:31

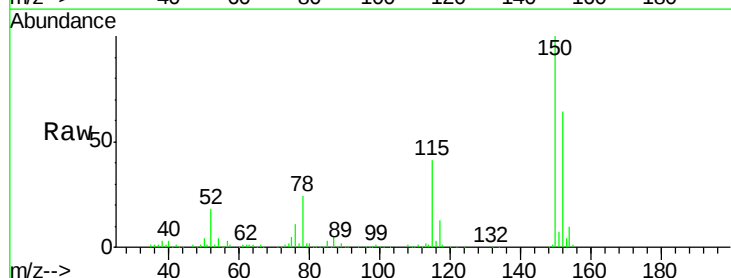
Tgt Ion: 79 Resp: 7264

Ion Ratio Lower Upper

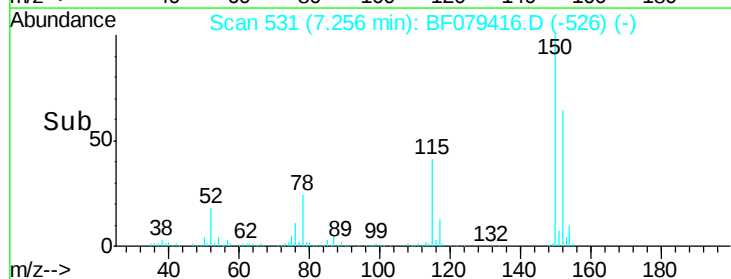
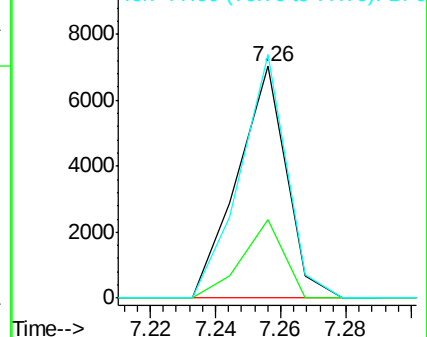
79 100

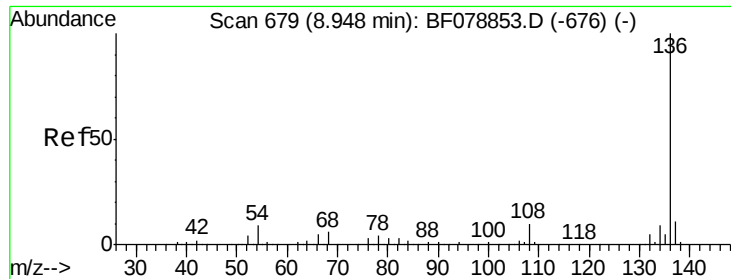
108 33.7 57.4 86.2#

77 105.0 50.2 75.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

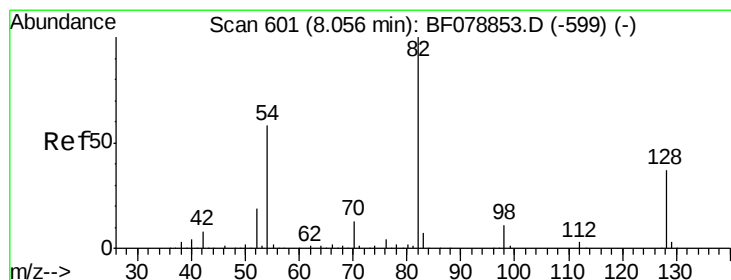
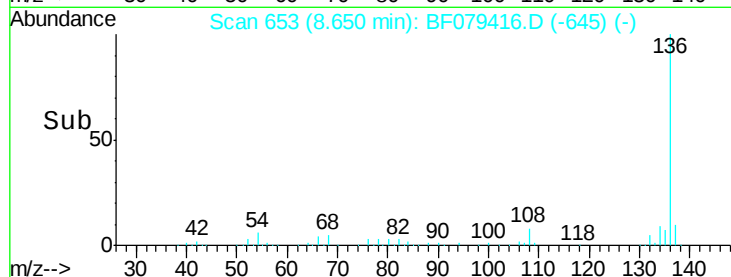
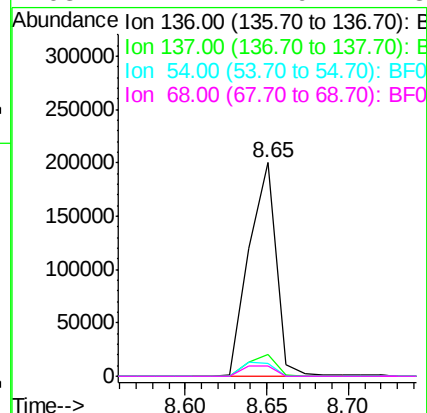
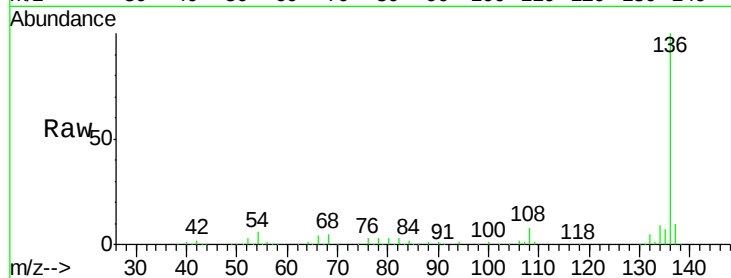




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BF079416.D
Acq: 21 May 2015 21:31

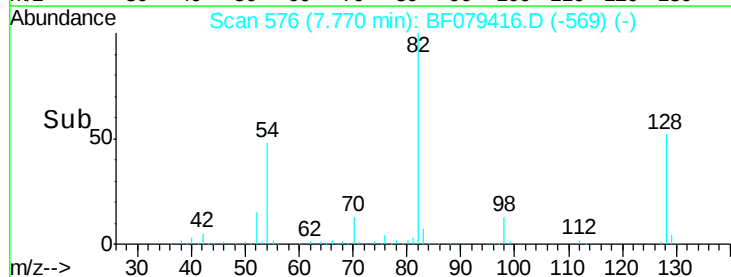
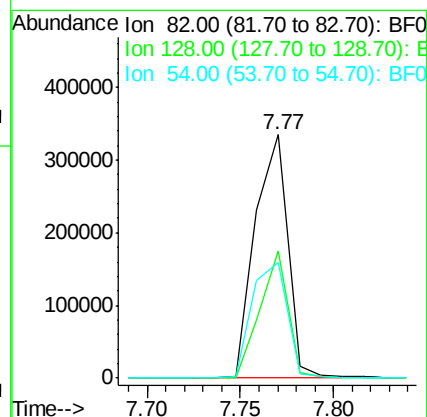
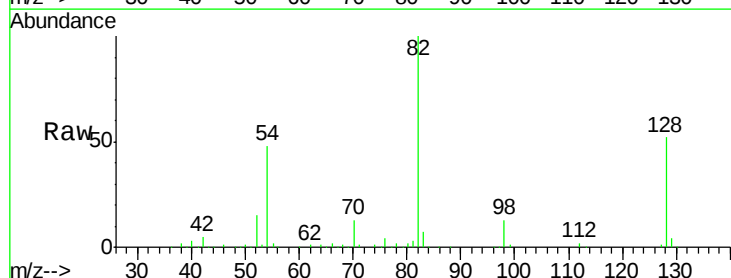
Instrument :
BNA_F
ClientSampleId :

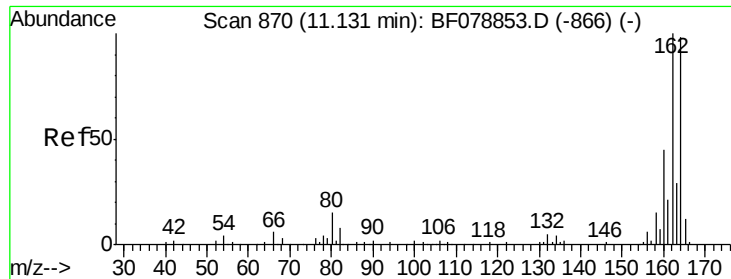
Tot Ion:136	Resp:	231326
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.8 13.2
54	6.0	6.9 10.3#
68	4.7	4.9 7.3#



#23
Nitrobenzene-d5
Concen: 100.76 ng
RT: 7.77 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF079416.D
Acq: 21 May 2015 21:31

Tgt Ion: 82	Resp:	405564
Ion Ratio	Lower	Upper
82	100	
128	52.0	29.7 44.5#
54	47.7	46.2 69.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.81 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF079416.D

Acq: 21 May 2015 21:31

Instrument :

BNA_F

ClientSampleId :

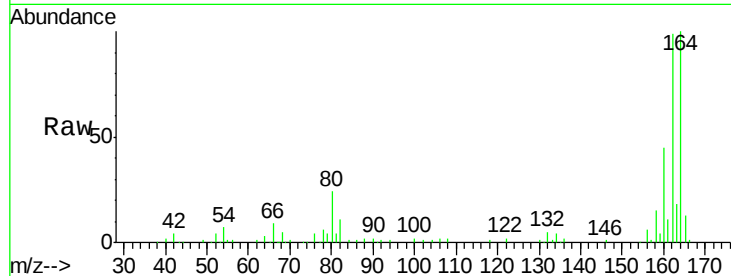
Tot Ion:164 Resp: 113819

Ion Ratio Lower Upper

164 100

162 98.9 81.4 122.0

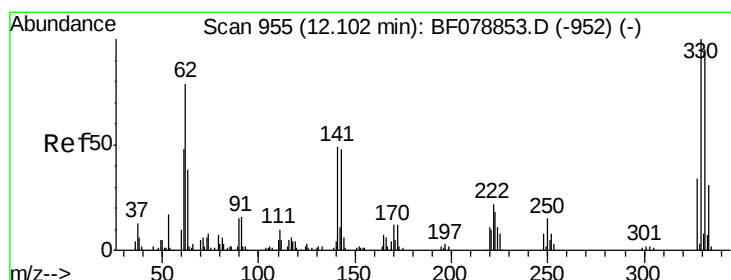
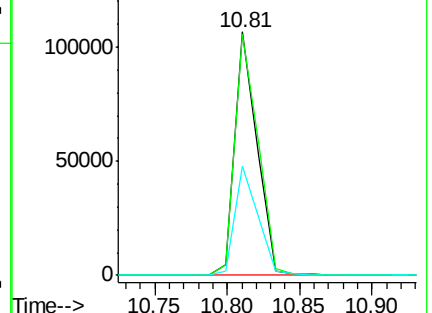
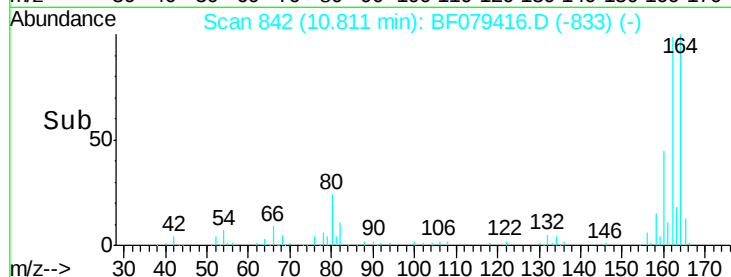
160 44.9 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 166.01 ng

RT: 11.79 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF079416.D

Acq: 21 May 2015 21:31

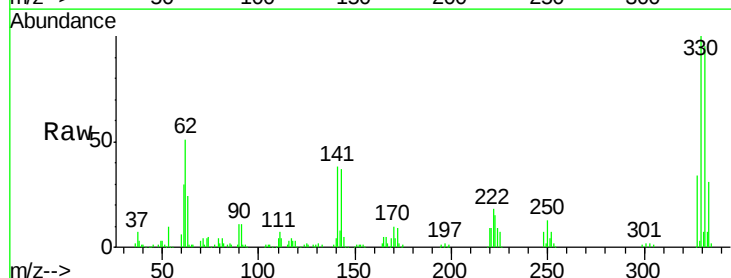
Tgt Ion:330 Resp: 204409

Ion Ratio Lower Upper

330 100

332 96.1 76.9 115.3

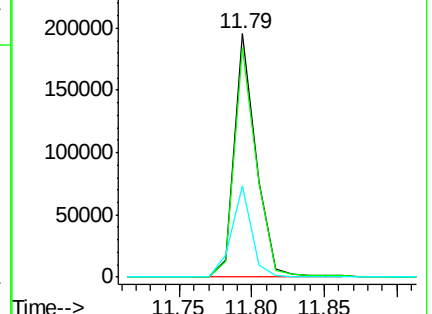
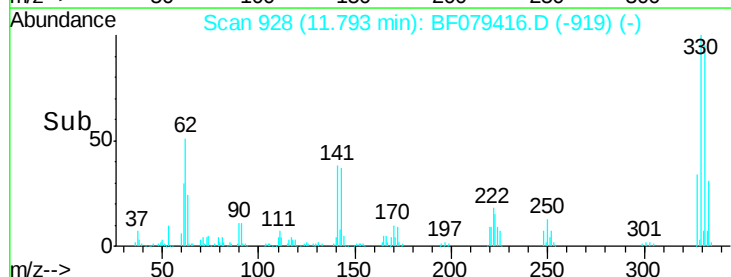
141 35.4 27.8 41.8

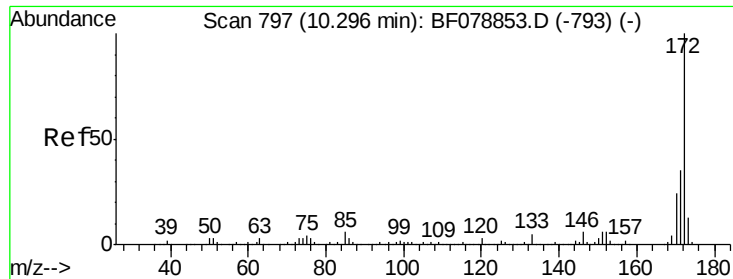


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

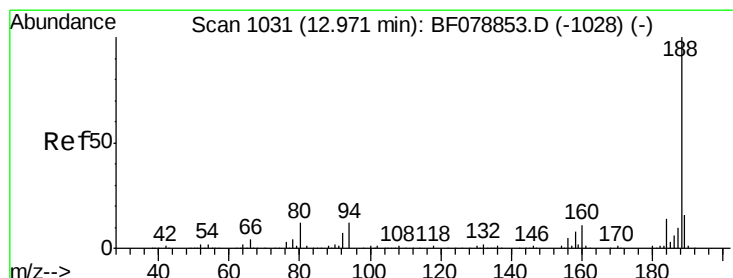
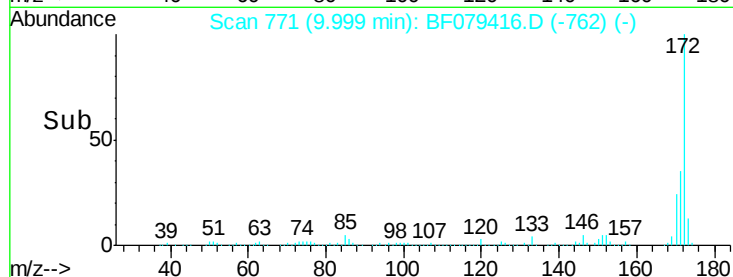
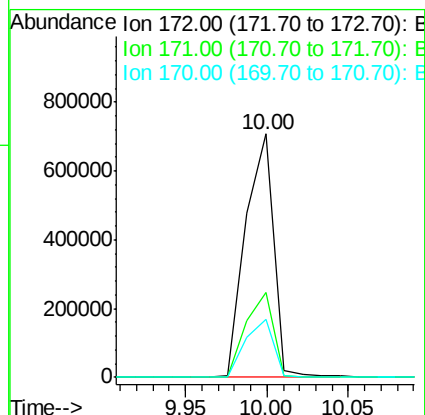
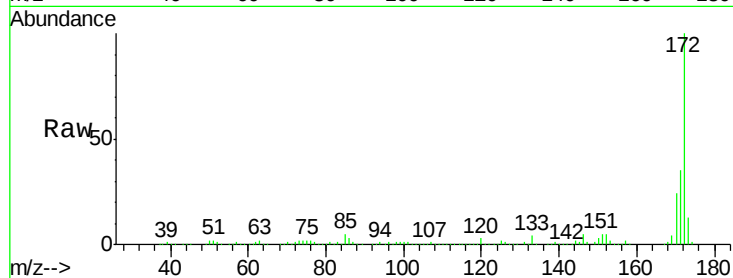




#44
 2-Fluorobiphenyl
 Concen: 103.05 ng
 RT: 10.00 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BF079416.D
 Acq: 21 May 2015 21:31

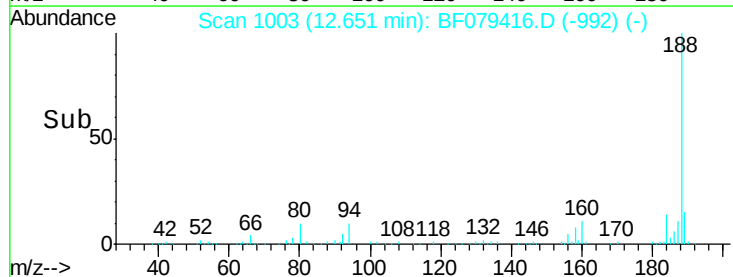
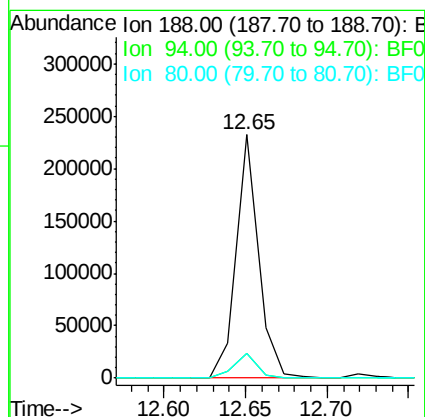
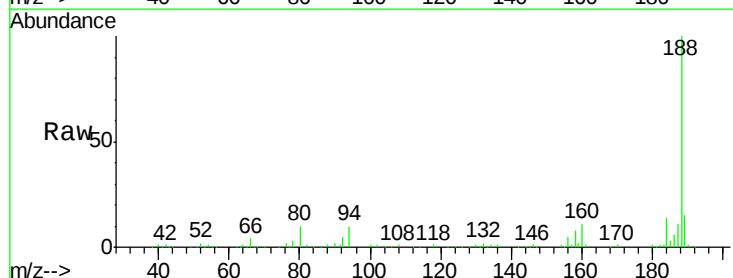
Instrument :
 BNA_F
 ClientSampleId :

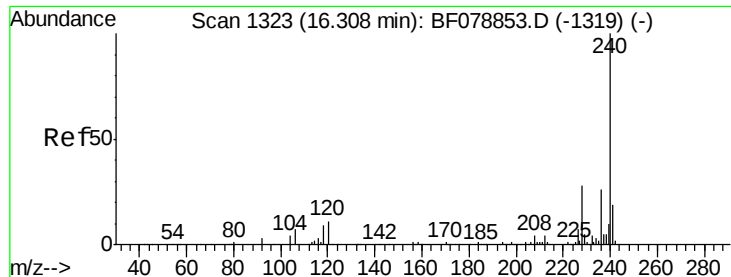
Tot Ion:172 Resp: 841834
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.3 42.5
 170 24.1 19.4 29.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.65 min Scan# 1003
 Delta R.T. -0.00 min
 Lab File: BF079416.D
 Acq: 21 May 2015 21:31

Tgt Ion:188 Resp: 220207
 Ion Ratio Lower Upper
 188 100
 94 10.4 9.4 14.0
 80 10.2 9.8 14.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.93 min Scan# 1290

Delta R.T. -0.03 min

Lab File: BF079416.D

Acq: 21 May 2015 21:31

Instrument :

BNA_F

ClientSampleId :

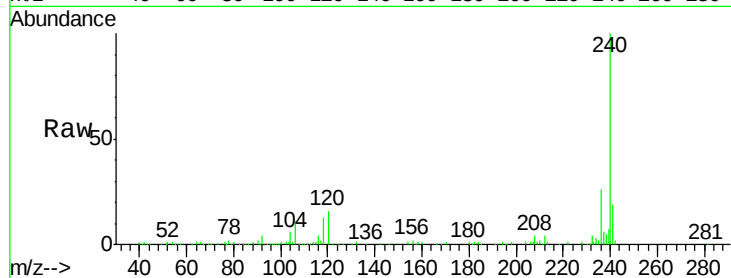
Tot Ion:240 Resp: 222236

Ion Ratio Lower Upper

240 100

120 15.5 8.6 12.8#

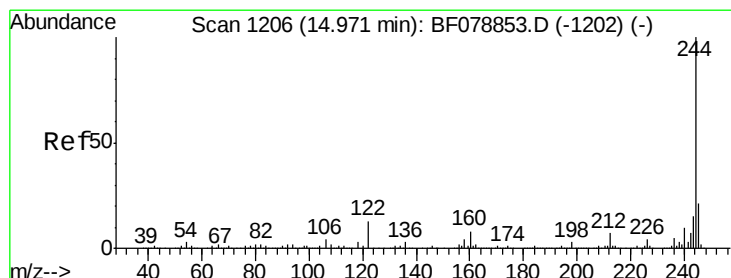
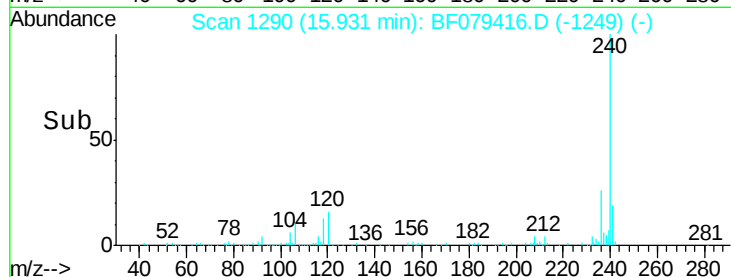
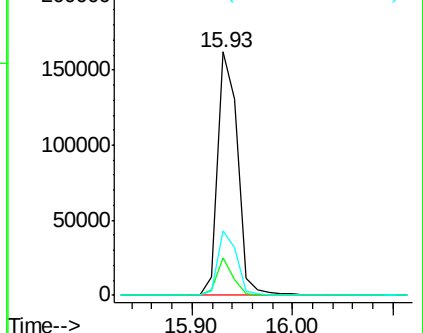
236 26.3 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 98.85 ng

RT: 14.65 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BF079416.D

Acq: 21 May 2015 21:31

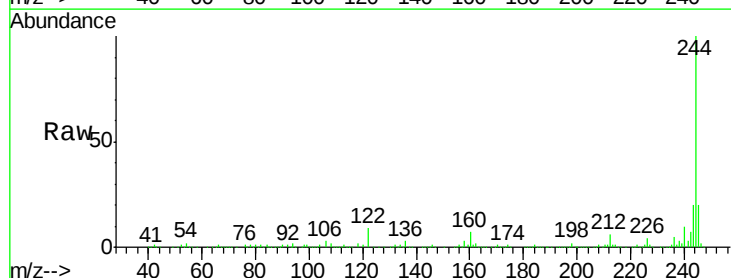
Tgt Ion:244 Resp: 917604

Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

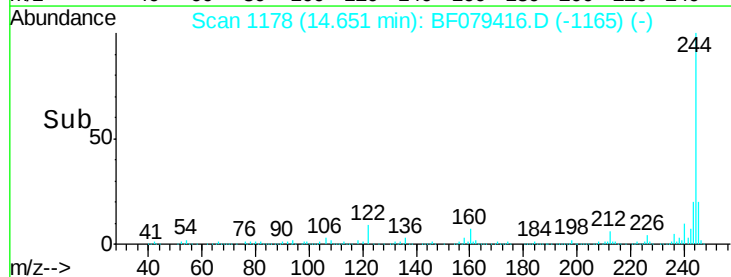
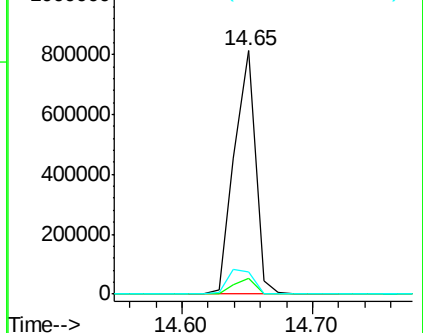
122 9.3 10.5 15.7#

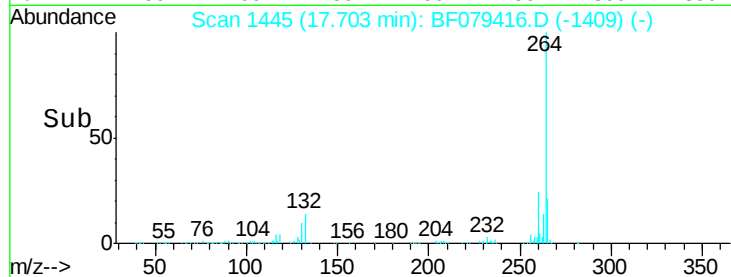
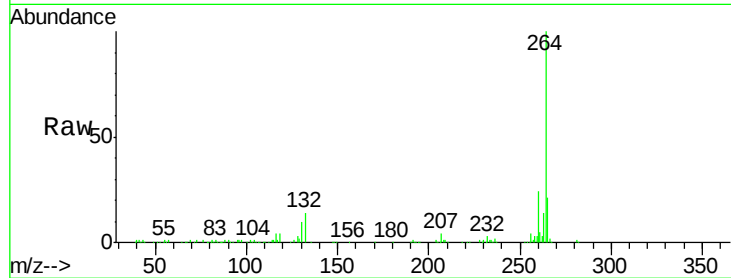
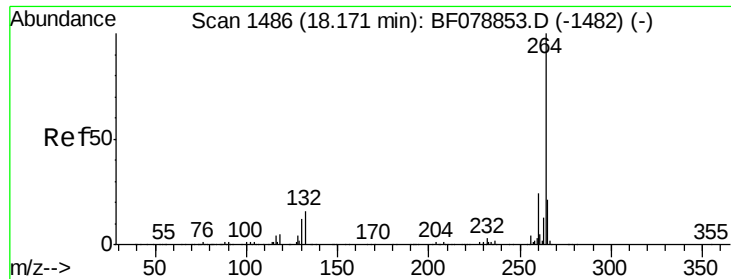


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 17.70 min Scan# 1445
 Delta R.T. -0.09 min
 Lab File: BF079416.D
 Acq: 21 May 2015 21:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
231918	264	100		
	260	23.8	19.2	28.8
	265	20.5	17.2	25.8

